



DLA Piper LLP (US)
500 8th Street, N.W.
Washington, D.C. 20004
www.dlapiper.com

Tony Lin
tony.lin@us.dlapiper.com
T 202.799.4450
F 202.799.5450

November 16, 2022

VIA IBFS
Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
45 L Street, NE
Washington, DC 20554

Re: Hedron Space Inc.
ELS File No. 0024-EX-CN-2022

Dear Ms. Dortch:

By this letter, Hedron Space Inc. ("Hedron"), through its counsel, updates the above-referenced application to reflect that the Cornicen satellite is now scheduled to be deployed on an Arianespace Vega-C rocket in March 2023. The new orbit parameters are provided in the table below.

	Original	Revised
Deployment Altitude	550 km \pm 25 km	520 km \pm 15 km
Deployment Inclination	$\sim 98^\circ$ (SSO)	No change
Operational Inclination	$\sim 97.47^\circ \pm 0.004^\circ$	$\sim 97.478^\circ \pm 0.15^\circ$
Deployment LTDN	10:30 +30/-15 minutes	10:15 \pm 15 minutes
Operational LTDN	10:30 \pm 15 minutes	10:15 \pm 15 minutes

Other than the changes identified above, there are no other material changes to the CONOPs. Similarly, there are no material changes to the Orbital Debris Assessment Report, other than the shorter demise period if Cornicen were to fail at the insertion orbit.

Additionally, Hedron no longer intends to utilize certain ground stations for communications with Cornicen. A revised Attachment B, Ground Station Exhibit, is attached.

Please contact the undersigned if you have any questions.

Very truly yours,

/s/Tony Lin

Tony Lin
Counsel to Hedron Space Inc.

Attachment

Attachment B

November 16, 2022

List of Ground Stations

Name of Ground Station Licensee	Location	Downlink Frequencies (MHz)	Uplink Frequencies (MHz)
KSAT	Svalbard, Norway	S-band; X-band; Ka-band	S-band
KSAT	Inuvik, Canada	S-band; X-band	S-band
KSAT	Punta Arenas, Chile	S-band; X-band	S-band
KSAT	Awarua, New Zealand	S-band; X-band	S-band
KSAT	Tromso, Norway	UHF; S-band; X-band	UHF; S-band
KSAT	Athens, Greece	S-band; X-band; Optical	S-band; Optical
MITRE	Bedford, Massachusetts, USA	S-band; C-band	S-band; C-band
Astro Digital	Santa Clara, California, USA	UHF	UHF
Astro Digital	Littleton, Colorado, USA	UHF	UHF